

**James Smith  
CP2-4B09**

3/10/03

James:

Attached are the results of your request regarding a coat hanger with plastic bottles as arms.

I marked the one reference I found that is before the priority date; it appears in the bibliographic patents. I printed out citations only for those items that appeared at least modestly relevant (excluding those that refer to using plastic bottle chips to form coat hanger arms). Titles for the remaining items are attached for your review.

If you have any questions or would like the search reworked in any way, please don't hesitate to all me at 305-8587 or email me at Julie.walko@uspto.gov.

Sincerely,  
  
Julie Walko  
CP2 2C08

## SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: JAMES G. SMITH Examiner #: 78677 Date: 3/7/2003  
 Art Unit: 3765 Phone Number 30 605-4225 Serial Number: 09/936,275  
 Mail Box and Bldg/Room Location: CP2-4607 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: CLOTHES HANGER

Inventors (please provide full names): PAUL SCHWEIZER

Earliest Priority Filing Date: 29 FEB. 2000 Priority 11 MARCH 1999

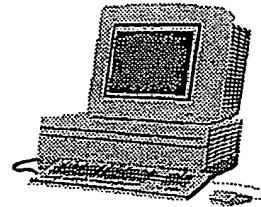
\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

See Amended claim 12

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher:	<u>Julie W. Wito</u>	NA Sequence (#)	STN _____
Searcher Phone #:	<u>305-8587</u>	AA Sequence (#)	Dialog _____ <input checked="" type="checkbox"/>
Searcher Location:	<u>CP2-2408</u>	Structure (#)	Questel/Orbit _____
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Date Completed:	<u>9/2/03</u> <u>3/10/03</u>	Litigation	Lexis/Nexis _____
Searcher Prep & Review Time:	<u>63 m</u>	Fulltext	<input checked="" type="checkbox"/> Sequence Systems _____
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Online Time:	<u>32 m</u>	Other	Other (specify) _____

# EIC3700/2900

## Search Results Feedback Form (Optional)



Scientific & Technical Information Center

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John Sims, Team Leader, 308-4836, CP2-2C08  
or Jeanne Horrigan, Searcher, 305-5934

### Voluntary Results Feedback Form

➤ *I am an examiner in Workgroup:*  Example: **3740**

➤ *Relevant prior art found, search results used as follows:*

- 102 rejection
- 103 rejection
- Cited as being of interest.
- Helped examiner better understand the invention.
- Helped examiner better understand the state of the art in their technology.

*Types of relevant prior art found:*

- Foreign Patent(s)
- Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art not found:*

- Results verified the lack of relevant prior art (helped determine patentability).
- Search results were not useful in determining patentability or understanding the invention.

Other Comments:



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Searched the web for **uses for plastic bottles hangers**. Results 1 - 10 of about 1,990. Search took 0.15 seconds

### **Plastic Bottles & Related Items - Find it on eBay!**

[www.eBay.com](http://www.eBay.com) eBay - The World's Online Marketplace

Sponsored Link

### **Huge Selection of PLASTIC BOTTLES - Here!**

[www.USPlastic.com](http://www.USPlastic.com) Shop Online or Order Toll-Free - (800)-809-4217

Sponsored Link

### **SFWR ENG 4D03: Design of Human Computer Interfaces**

... What were some of the negative characteristics of earlier **plastic bottles** (in the ... Identify and think up as many **uses** as you can which people ... 5. Clothes **hangers**. ...

[www.cas.mcmaster.ca/~baber/Courses/4D03/Assignment01.html](http://www.cas.mcmaster.ca/~baber/Courses/4D03/Assignment01.html) - 11k - Cached - [Similar pages](#)

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#### **bottling lines WorldWide**

rinser, filler, capper, labeller  
palletiser, depalletiser, case pack  
[www.intercaps.com](http://www.intercaps.com)

Interest: \_\_\_\_\_

### **EcoRecycle - Plastics Recycling**

... Detergent **bottles**, tiles, plumbing pipe fittings. ... PP, Hard, but flexible **plastic** - many **uses**. ... Yoghurt containers, **plastic** cutlery, imitation crystal "glassware" ...

[www.ecorecycle.vic.gov.au/aboutus/infosheet\\_plastic.asp](http://www.ecorecycle.vic.gov.au/aboutus/infosheet_plastic.asp) - 27k - [Cached](#) - [Similar pages](#)

### **Clothes Hangers-Ship Fast**

A huge selection. Most items ship in 24-48 hours or less!  
[www.carlson-store-fixtures.com](http://www.carlson-store-fixtures.com)  
Interest: \_\_\_\_\_

### **Waste Stoppers: Activity 6. Plastics Recycling**

... Detergent **bottles**, tiles, plumbing pipe fittings. ... Hard, but flexible **plastic** - many **uses**. ... Yoghurt containers, **plastic** cutlery, imitation crystal "glassware" ...  
[203.202.189.6/waste\\_stop/act\\_06.htm](http://203.202.189.6/waste_stop/act_06.htm) - 19k - [Cached](#) - [Similar pages](#)

### **HangerWorks- Hangers**

In Stock. Up to 45% off Low Prices, Secure Ordering, Same Day Shipping  
[www.hangerworks.com](http://www.hangerworks.com)  
Interest: \_\_\_\_\_

### **[PDF]6. PLASTICS RECYCLING**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... polypropylene PP Hard, but flexible **plastic** - many **uses**. ... Clothes pegs, coat **hangers**, office accessories, spools, rulers, video ... For **plastic bottles**, check with ...

[203.202.189.6/waste\\_stop/pdf/act\\_06.pdf](http://203.202.189.6/waste_stop/pdf/act_06.pdf) - [Similar pages](#)

### **Quality Plastic Hangers**

For upscale retailers top designers celebrities - NY / LA showrooms  
[henryhanger.com](http://henryhanger.com)  
Interest: \_\_\_\_\_

### **Fetpak- Plastic Hangers**

Free Shipping and Low Prices on Plastic Hangers for Retail Stores.  
[www.fetpak.com](http://www.fetpak.com)  
Interest: \_\_\_\_\_

### **[doc]Some Uses For Plastics and Recycled Plastics in Australia**

File Format: Microsoft Word 97 - [View as HTML](#)

... Detergent **bottles**, hoses, tiles, plumbing pipes and ... Hard, but flexible **plastic** - many **uses**. ... Yoghurt containers, **plastic** cutlery, imitation crystal "glassware" ...

[www.visyrecycling.com.au/images/body/Plastics\\_ID.doc](http://www.visyrecycling.com.au/images/body/Plastics_ID.doc) - [Similar pages](#)

### **U.S. Plastic Corporation**

Distributor of Industrial Plastics  
Tanks, Buckets, Bottles & Labware  
[www.usplastic.com](http://www.usplastic.com)  
Interest: \_\_\_\_\_

### **Princes Hill Environmental Site**

... Detergent **bottles**, hoses, tiles, plumbing pipes and fittings. ... Hard, but flexible **plastic** - many **uses**. ... Yoghurt containers, **plastic** cutlery, imitation crystal ...

### **Plastic bottles, Direct**

Buy direct, save, all sizes  
Bottles, sprayers, caps. Free quote  
[www.spraybottles.com](http://www.spraybottles.com)  
Interest: \_\_\_\_\_

[www.phsc.vic.edu.au/faculties/science/environment/waste/plastic.html](http://www.phsc.vic.edu.au/faculties/science/environment/waste/plastic.html) - 48k -  
Cached - Similar pages

**QuickShip Via Bottles.com**

Buy stock bottles & closures online  
Next day ship. Wholesale prices.

<http://www.quickship.bottles.com>  
Interest: \_\_\_\_\_

See your message here...

**Special Report - Plastics and Recycling on eplasticsindia.com**  
... detergent **bottles**, tiles, plumbing pipe fittings ... PP, Hard, but flexible **plastic** -

many **uses**, drinking straws ... May be clear, glassy, yoghurt containers, **plastic** cutlery ...

[www.eplasticsindia.com/resources/special\\_reports/recycle/uses\\_rcplas.asp?ce2=ce2](http://www.eplasticsindia.com/resources/special_reports/recycle/uses_rcplas.asp?ce2=ce2) - 25k - Cached - Similar pages

**Waste Wise WA.**

... Detergent **bottles**, tiles, plumbing pipe fittings. ... Hard, but flexible **plastic** - many **uses**. ... Yoghurt containers, **plastic** cutlery, imitation crystal "glassware" ...

[www.wastewise.wa.gov.au/pages/recycling\\_plastic.asp](http://www.wastewise.wa.gov.au/pages/recycling_plastic.asp) - 45k - Cached - Similar pages

**Har-vet Equine Products - Instruments & Containers**

... of nozzles available for many **uses**, including: oral ... Durable **plastic** transfer spikes for use with vaccines. ... and stoppers used for sealing filled serum **bottles**. ...

[www.har-vet.com/instr\\_cont.htm](http://www.har-vet.com/instr_cont.htm) - 53k - Cached - Similar pages

**FISHER CANVAS PRODUCTS, INC.**

... It has seen many **uses** over the years. ... Available in one gallon **plastic** jugs or handy **plastic** quart **bottles** with premium trigger sprayer built on. ...

[www.fishercanvas.com/products.html](http://www.fishercanvas.com/products.html) - 10k - Cached - Similar pages

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Searched the web for **recycle plastic bottles as coat hangers**. Results 1 - 10 of about 906. Search took 0.13 se

### [Pamper your wardrobe with our scented padded coat hangers.](#)

[www.crabtree-evelyn.com](#) Pamper yourself today. Free Shipping and Gift Packaging

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### [Huge Selection of PLASTIC BOTTLES - Here!](#)

[www.USPlastic.com](#) Shop Online or Order Toll-Free - (800)-809-4217

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### [Recycling in Vacaville](#)

... Office Paper, Narrow-neck **Bottles**, Chipboard, ... **Plastic Bags**, Juice Boxes, Milk Cartons,

Yes! You can **recycle** these items in the Vacaville curbside recycling program. ...

[www.vacavillerecycling.com/vaca\\_pages/recycling.html](#) - 42k - [Cached](#) - [Similar pages](#)

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### [bottling lines WorldWide](#)

rinsing, filling, capping, labelling  
palletiser, depalletiser, case pack

[www.intercaps.com](#)

Interest: \_\_\_\_\_

### [VACA Recycle](#)

... Here is what and how you should **recycle**: ... mail, office paper, carbon paper, photographs,

facial or toilet tissues, books, **plastic** or foil ... Glass **Bottles** and Jars. ...

[www.sunsetsavenger.com/vaca\\_recycle.htm](#) - 19k - [Cached](#) - [Similar pages](#)

### [HangerWorks- Hangers](#)

In Stock. Up to 45% off Low Prices, Secure Ordering, Same Day Shipping

[www.hangerworks.com](#)

Interest: \_\_\_\_\_

### [Solid Waste | Recycle | Recycling Guide](#)

... Envelopes, such as Tyvek \* Do not **recycle** Metal or ... **PLASTIC BOTTLES** #1 AND #2\* Includes

bottle-and-screw-top jar ... HDPE), such as milk jugs and **bottles** used for ...

[www.ci.ann-arbor.mi.us/framed/ solwste/recycleguide99.htm](#) - 11k - [Cached](#) - [Similar pages](#)

### [Clothes Hangers-Ship Fast](#)

A huge selection. Most items ship in 24-48 hours or less!

[www.carlson-store-fixtures.com](#)

Interest: \_\_\_\_\_

### [Plastics](#)

... cases, **coat hangers**, packing insulation All other resins and multi-materials.

Sorry, but we cannot **recycle**. brown or green **plastic** drinks **bottles** **plastic** ...

[www.essexcc.gov.uk/esd/wastemanagement/](#)

[html\\_pages/pg3a\\_5a\\_plastic.html](#) - 11k - [Cached](#) - [Similar pages](#)

### [Quality Plastic Hangers](#)

For upscale retailers top designers  
celebrities - NY / LA showrooms

[henryhanger.com](#)

Interest: \_\_\_\_\_

### [Fetpak- Plastic Hangers](#)

Free Shipping and Low Prices on  
Plastic Hangers for Retail Stores.

[www.fetpak.com](#)

Interest: \_\_\_\_\_

### [Manhattan Wardrobe Supply](#)

One-stop shop of wardrobe supplies  
for Theater, TV and Film Production

[www.wardrobesupplies.com](#)

Interest: \_\_\_\_\_

### [Plastic bottles Direct](#)

Buy direct, save, all sizes, we print  
Bottles, sprayers, caps. Free quote

[www.spraybottles.com](#)

Interest: \_\_\_\_\_

### [Recycle](#)

... DO NOT **RECYCLE** motor oil or transmission fluid **bottles** even if they are made out  
of PETE or HDPE, foam **plastic**, miscellaneous household plastics like

toys ...

[www.usma.edu/PublicAffairs/PVArchives/000728/Recycle.htm](http://www.usma.edu/PublicAffairs/PVArchives/000728/Recycle.htm) - 7k - [Cached](#)  
[- Similar pages](#)

**QuickShip Via Bottles.com**

Buy stock bottles & closures online

Next day ship. Wholesale prices.

<http://www.quickship.bottles.com>

Interest:

## OCRRA

... In the box below, please type in the item you are trying to properly dispose or

**recycle** ... Cinder Blocks. Clothes. **Coat Hangers** wire **coat hangers** ... **Plastic bottles** ...

[www.ocrra.org/OCRAanswersX.htm](http://www.ocrra.org/OCRAanswersX.htm) - 49k - [Cached](#) - [Similar pages](#)

[See your message here...](#)

## Recycle Guide

... This program will **recycle** more types and greater quantities of recyclable items and yard waste, instead of ... **Metal Coat Hangers**, ... **Plastic Bottles & Containers**, ...

[www.cityofflamirada.org/recycleguide.htm](http://www.cityofflamirada.org/recycleguide.htm) - 18k - [Cached](#) - [Similar pages](#)

## Curbside

... Not Recycled, Materials We Cannot **Recycle**. **No Plastic Except Bottles** or. **No Drink Boxes or Wax Cartons**. **No Paperboard or Books**. **No Wet Newspaper**. ...

[bgrecycling.com/curbside.htm](http://bgrecycling.com/curbside.htm) - 40k - [Cached](#) - [Similar pages](#)

## The Crossways Apartment Living Info Recycling

... Save space by flattening large **bottles**. ... paper, milk cartons, juice boxes, foil gift wrap and boxes and **plastic windows** (remove windows then **recycle**). ...

[www.thecrossways.com/cross8d.html](http://www.thecrossways.com/cross8d.html) - 5k - [Cached](#) - [Similar pages](#)

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use plastic bottles as hanger arm

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Searched the web for **use plastic bottles as hanger arms**. Results 1 - 10 of about 2,110. Search took 0.20 seconds**Huge Selection of PLASTIC BOTTLES - Here!**[www.USPlastic.com](http://www.USPlastic.com) Shop Online or Order Toll-Free - (800)-809-4217

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**bottling lines WorldWide**[www.intercaps.com](http://www.intercaps.com) rinser, filler, capper, labeller, depalletiser, case pack

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**Puppetry Tech Notes**

... Cooking oil **bottles** are the largest size of this type ... figure has legs and needs to sit, use a stubbier ... Run a tube (**plastic**, PVC, taped over cardboard, aluminum ... [masterwill.blogspot.com/2002\\_07\\_14\\_masterwill\\_archive.html](http://masterwill.blogspot.com/2002_07_14_masterwill_archive.html) - 9k - [Cached](#) - [Similar pages](#)

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**HangerWorks- Hangers**

In Stock. Up to 45% off Low Prices, Secure Ordering, Same Day Shipping  
[www.hangerworks.com](http://www.hangerworks.com)  
 Interest: \_\_\_\_\_

**[www.claireloom.com](http://www.claireloom.com) Children's Fun Page A safe happy place for ...**

... After the rain has stopped use **plastic** ruler in container to ... in a bottle THINGS YOU'LL

NEED 2 Clear **Plastic** 1 liter ... secure the two necks of the **bottles** together ...

[www.claireloom.com/childrensfun.htm](http://www.claireloom.com/childrensfun.htm) - 13k - [Cached](#) - [Similar pages](#)

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**Wholesale Garment Hangers**

Dry-cleaners' hangers. Wholesale. Why pay more? \$5,000 minimum.  
[www.wholesalehangers.com](http://www.wholesalehangers.com)  
 Interest: \_\_\_\_\_

**Food and Beverages 1. Pliers work well as pot holders. 2. ...**

... length of chain and a coat **hanger** bent into ... 6. Try to use unscented grooming products

because they ... 5. **Plastic bottles** and coffee container work well as toilets ...

[www.angelfire.com/ia2/XHZN/icamp.html](http://www.angelfire.com/ia2/XHZN/icamp.html) - 16k - [Cached](#) - [Similar pages](#)

**Plastic bottles Direct**

Buy direct, save, all szs., we print Bottles, sprayers, caps. Free quote  
[www.spraybottles.com](http://www.spraybottles.com)  
 Interest: \_\_\_\_\_

**Frugal Camping Tips**

... Prescription **bottles** or 35mm file containers make good storage ... sap from their hands easily if they use baking soda ... The little **plastic** tags from bread and bun ... [members.aol.com/frugally4u/campingtips.html](http://members.aol.com/frugally4u/campingtips.html) - 16k - [Cached](#) - [Similar pages](#)

**QuickShip Via Bottles.com**

Buy stock bottles & closures online Next day ship. Wholesale prices.  
<http://www.quickship.bottles.com>  
 Interest: \_\_\_\_\_

**Triniy Alarm- EMERGENCY SUPPLY LIST- Weaverville, Trinity County ...**

... WATER- **plastic bottles** with screw tops 4 twelve to 16 oz **bottles** suggested with a canteen or similar container that will ... USE what you want for clothes.

...  
[members.aol.com/talarmu/vepak1.htm](http://members.aol.com/talarmu/vepak1.htm) - 13k - [Cached](#) - [Similar pages](#)  
 [ More results from [members.aol.com](http://members.aol.com) ]

**eBottles.com**

The Easy Way to Buy Bottles!  
 Avail. by the case No minimum order  
[www.ebottles.com](http://www.ebottles.com)  
 Interest: \_\_\_\_\_

**Glass Bottles Wholesale**

Glass, plastic bottles and jars.  
 No minimum, wholesale prices.  
[www.specialtybottle.com](http://www.specialtybottle.com)  
 Interest: \_\_\_\_\_

**[SeriousShopping.net](http://SeriousShopping.net) > Automotive > Garage & Shop Aids > Racks**

... Telcos use this super heavy-duty wall rack system to organize their ...  
 Basic-duty **plastic**

**Visit HangerCity.com**

Extensive selection of wooden, hard to find & specialty hangers.  
[www.HangerCity.com](http://www.HangerCity.com)  
 Interest: \_\_\_\_\_

unit (10"x10") holds up to nine items, some spray **bottles**, and has ...  
[www.seriousshopping.net/Automotive/GarageAndShopAids/Racks/index-3.html](http://www.seriousshopping.net/Automotive/GarageAndShopAids/Racks/index-3.html) - 25k - Cached - Similar pages

WEBpackaging.com  
Search 20,000+ packaging catalogs.  
Containers Closures Bottles Caps  
[www.webpackaging.com](http://www.webpackaging.com)  
Interest:

## Hangers

... be used instead of wooden or **plastic** coat/suit ... make this an attractive option for  
**use** in a ...

[www.containerstore.com/browse/tips/hangersTips.jhtml](http://www.containerstore.com/browse/tips/hangersTips.jhtml) - 32k - Cached - Similar pages

See your message here...

## Action Man & GI Joe - Do It Yourself Vehicles and Boats

... If you have access to more expensive and durable materials - **use** them. ... you how to make a jet fighter from a few large, **plastic** cider **bottles** and some old ...

[www.galeed.co.uk/am/diy.htm](http://www.galeed.co.uk/am/diy.htm) - 13k - Cached - Similar pages

## Papier Mache Page 2

... of newspaper held together with masking tape, wooden dowels or coat **hanger** wire inside a ... Cut down a couple of gallon **plastic** **bottles**, one to **use** for glue ...

[www.halloweenfear.com/Papiermache2.html](http://www.halloweenfear.com/Papiermache2.html) - 16k - Cached - Similar pages

## Camping Tips - Camping Tips for all outdoor lovers.

... Cut off large **plastic** bleach or detergent **bottles**, fill the base with soil and **use** it as a starter tray for seedlings. ...

[www.thatscheap.com/campingtips.html](http://www.thatscheap.com/campingtips.html) - 20k - Cached - Similar pages

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*Inventor*  
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4/5/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013407390 \*\*Image available\*\*

WPI Acc No: 2000-579328/200054

XRPX Acc No: N00-428676

**Clothes hanger ; has hook with fixing part into which plastics drinks bottles are screwed to form arms of hanger**

Patent Assignee: SCHWEIZER P (SCHW-I)

Inventor: SCHWEIZER P

Number of Countries: 091 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200053066	A1	20000914	WO 2000CH112	A	20000229	200054 B
AU 200026561	A	20000928	AU 200026561	A	20000229	200067
EP 1158886	A1	20011205	EP 2000904789	A	20000229	200203
			WO 2000CH112	A	20000229	

Priority Applications (No Type Date): CH 99459 A 19990311

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200053066	A1	G	42 A47G-025/40	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200026561 A A47G-025/40 Based on patent WO 200053066

EP 1158886 A1 G A47G-025/40 Based on patent WO 200053066

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MK RO SI

Abstract (Basic): WO 200053066 A1

NOVELTY - The clothes **hanger** (1) has a hook (2) and two arms, which are each formed from a plastics drinks bottle (4). The bottle tops are screwed into a fixing part (3) in the hook to form the **hanger**. The hook may be manufactured from plastics by injection moulding.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a hook for the clothes **hanger**.

USE - To hang clothes.

ADVANTAGE - Simple to manufacture. Can be manufactured from recycled bottles.

DESCRIPTION OF DRAWING(S) - The figure shows a view of the clothes **hanger**, hanging a jacket.

Clothes **hanger** (1)

Hook (2)

Fixing part (3)

Bottles (4)

Outline of jacket (5)

pp; 42 DwgNo 1/6

Title Terms: CLOTHING; **HANGER** ; HOOK; FIX; PART; PLASTICS; DRINK; BOTTLE; SCREW; FORM; ARM; **HANGER**

Derwent Class: P27

International Patent Class (Main): A47G-025/40

File Segment: EngPI

Set	Items	Description
S1	57	E2:E5,E7:E8
S2	3	S1 AND HANGER? ?
S3	3	IDPAT (sorted in duplicate/non-duplicate order)
S4	1	IDPAT (primary/non-duplicate records only)
? show files		
File 347:JAPIO Oct 1976-2002/Oct (Updated 030204)		
(c) 2003 JPO & JAPIO		
File 348:EUROPEAN PATENTS 1978-2003/Feb W04		
(c) 2003 European Patent Office		
File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220		
(c) 2003 WIPO/Univentio		
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200314C		
(c) 2003 Thomson Derwent		
File 371:French Patents 1961-2002/BOPI 200209		
(c) 2002 INPI. All rts. reserv.		

6/5/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013622663 \*\*Image available\*\*

WPI Acc No: 2001-106871/200112

XRPX Acc No: N01-079417

Hanger for use in e.g. home, has right and left spread parts which are shortened and formed with screw holes for connection of PET bottle

Bad  
Date

Patent Assignee: OTA T (OTAT-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000333814	A	20001205	JP 99182216	A	19990525	200112 B

Priority Applications (No Type Date): JP 99182216 A 19990525

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 2000333814	A	3	A47G-025/36
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Abstract (Basic): JP 2000333814 A

NOVELTY - The hanger has a body formed with a hook at the upper part. The right and left spread parts of the hanger body are shortened and formed with screw holes (1) for connection of PET polyethylene terephthalate bottle .

USE - For use in e.g. home.

ADVANTAGE - Improves the strength, thickness and durability of the hanger . Offers a hanger which can be manufactured easily at low cost.

DESCRIPTION OF DRAWING(S) - The figure shows the isometric view of the hanger .

Screw holes (1)

pp; 3 DwgNo 1/4

Title Terms: HANGER ; HOME; RIGHT; LEFT; SPREAD; PART; SHORTENING; FORMING ; SCREW; HOLE; CONNECT; PET; BOTTLE

Derwent Class: P27

International Patent Class (Main): A47G-025/36

File Segment: EngPI

6/5/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013590904 \*\*Image available\*\*

WPI Acc No: 2001-075111/200109

XRAM Acc No: C01-021853

XRPX Acc No: N01-057118

Hook structure for hanger , is made of thermoplastic polyester resin material obtained from used PET bottles , and contains thin portion so as to make surface area large

Patent Assignee: ORITANI M (ORIT-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000316699	A	20001121	JP 99127044	A	19990507	200109 B

Priority Applications (No Type Date): JP 99127044 A 19990507

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000316699 A 6 A47G-025/36

Abstract (Basic): JP 2000316699 A

NOVELTY - A **hanger** section (B) and a hook (A) are formed from thermoplastic polyester resin material obtained from recycled PET **bottles**. The **hanger** section and hook contains thin portion so that surface area becomes large.

USE - For **hanger** .

ADVANTAGE - Prevents loss of used PET **bottles** as PET **bottles** are recycled to **hanger** . As neither **hanger** section nor hook is made of thick portions so that surface becomes large, time taken for **hanger** formation is reduced. Obtains required strength of **hanger** . Simplifies **hanger** manufacture.

DESCRIPTION OF DRAWING(S) - The figure shows the isometric view of hook structure of **hanger** .

Hook (A)

**Hanger** section (B)

pp; 6 DwgNo 1/8

Title Terms: HOOK; STRUCTURE; **HANGER** ; MADE; THERMOPLASTIC; POLYESTER; RESIN; MATERIAL; OBTAIN; PET; **BOTTLE** ; CONTAIN; THIN; PORTION; SO; SURFACE; AREA

Derwent Class: A83; P27

International Patent Class (Main): A47G-025/36

International Patent Class (Additional): A47G-025/32

File Segment: CPI; EngPI

6/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013407390 \*\*Image available\*\*

WPI Acc No: 2000-579328/200054

XRPX Acc No: N00-428676

Clothes hanger ; has hook with fixing part into which plastics drinks bottles are screwed to form arms of hanger

Patent Assignee: SCHWEIZER P (SCHW-I)

Inventor: SCHWEIZER P

Number of Countries: 091 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200053066	A1	20000914	WO 2000CH112	A	20000229	200054 B
AU 200026561	A	20000928	AU 200026561	A	20000229	200067
EP 1158886	A1	20011205	EP 2000904789	A	20000229	200203
			WO 2000CH112	A	20000229	

*the  
patent*

Priority Applications (No Type Date): CH 99459 A 19990311

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200053066 A1 G 42 A47G-025/40

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200026561 A A47G-025/40 Based on patent WO 200053066

EP 1158886 A1 G A47G-025/40 Based on patent WO 200053066

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MK RO SI

Abstract (Basic): WO 200053066 A1

NOVELTY - The clothes **hanger** (1) has a hook (2) and two arms, which are each formed from a plastics drinks **bottle** (4). The **bottle** tops are screwed into a fixing part (3) in the hook to form the **hanger**. The hook may be manufactured from plastics by injection moulding.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a hook for the clothes **hanger**.

USE - To hang clothes.

ADVANTAGE - Simple to manufacture. Can be manufactured from recycled **bottles**.

DESCRIPTION OF DRAWING(S) - The figure shows a view of the clothes **hanger**, hanging a jacket.

Clothes **hanger** (1)

Hook (2)

Fixing part (3)

**Bottles** (4)

Outline of jacket (5)

pp; 42 DwgNo 1/6

Title Terms: CLOTHING; **HANGER**; HOOK; FIX; PART; PLASTICS; DRINK; **BOTTLE**; SCREW; FORM; ARM; **HANGER**

Derwent Class: P27

International Patent Class (Main): A47G-025/40

File Segment: EngPI

6/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012928183 \*\*Image available\*\*

WPI Acc No: 2000-100019/200009

XRPX Acc No: N00-077277

Coat hanger with arms formed from recycled plastic bottles

Patent Assignee: PELLIGER F (PELL-I)

Inventor: PELLIGER F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2779630	A1	19991217	FR 987814	A	19980615	200009 B

Priority Applications (No Type Date): FR 987814 A 19980615

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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FR 2779630	A1	5	A47G-025/36
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Abstract (Basic): FR 2779630 A1

NOVELTY - The **hanger** body (1) is formed with a central hook (4) and with two side openings (2) to accept the threaded tops (3) of plastic **bottles** (6). The range of **bottle** sizes can cover typically 25, 33 and 55 cl.

USE - For coat **hanger** use, and for use in drying a range of clothes.

ADVANTAGE - The device enables a range of discarded plastic **bottles** to be used to form coat **hangers**. It enables wider use in recycling of plastic **bottles**, and may be used for publicity purposes.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of the device.

**Hanger** body (1)

Two side openings (2)

Threaded tops (3)

Hook (4)

**Bottle** (6)

pp; 5 DwgNo 2/2

Title Terms: COAT; **HANGER** ; ARM; FORMING; RECYCLE; PLASTIC; **BOTTLE**

Derwent Class: P27; P43

International Patent Class (Main): **A47G-025/36**

International Patent Class (Additional): **A47G-025/40** ; B09B-003/00

File Segment: EngPI

6/TI/1 (Item 1 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Wall-hanging plant pot has water level controller having side wall for maintaining suitable water amount, and lower opening for draining excess water through cap

6/TI/2 (Item 2 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Hanger for suspending an item from a support comprises a anchor strip fixed to the item having V shaped arms with a top ring normally folded which in use opens out is wrapped around a support and locked in position by a locking tab

6/TI/3 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Recycling system, for manufacturing clothes hangers from waste PET bottles , comprises crushing and degreasing sections for waste polyethylene terephthalate bottles after cutting-off mouth portion

6/TI/4 (Item 4 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Device for hanging storage of tubes bottles especially baby care items comprises a lobed base provided with elastic bands loops in which an item is placed the elasticity of the band holding it in place

6/TI/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Seal fixing tool e.g. for sealing mouth of wine bottle , has spring between inner cylinder top end to which stem of insert is secured and washer placed on inner step of cylindrical base for bulging elastic cylinder

6/TI/10 (Item 10 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Label integrating container hanger , with e.g. medical applications - comprises self adhesive transparent section covering writing on bottle with hanger strap comprising composite of polymeric films, one for great tensile strength, the other for tear resistance

6/TI/11 (Item 11 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Hangers for mounting light weight objects like photograph, calendar, bottles - has sticking layers at either ends of flexible element, which are stuck to objects to be hung, after removing peeling off paper

6/TI/12 (Item 12 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Hanger for intravenous feeding bottle on hook - includes label and strip of which strip has two edges and moves between two positions to encircle portion of bottle and engages to hook

6/TI/13 (Item 13 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Kitchen utensil store unit - has wall mounting with locking bolt that enters mounting through opening of initial leg

6/TI/14 (Item 14 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Folding type hanger for clothes - in which one termination of each of couple of arms fastened rotatably to end of operation rod integrally and other terminations fastened rotatably to base edge member sliding along operation rod

6/TI/15 (Item 15 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Accessory for food containing bottle - has clamping ring with suspension hanger for spoon

6/TI/16 (Item 16 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Thermally insulated flask with closure plug - has external, relieved protrusion for tea bag cord suspension

6/TI/17 (Item 17 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Support for medical infusion bottle - has hanging lug formed integrally with body including neck and base rings joined by straps

Set	Items	Description
S1	26474	HANGER? ?
S2	78852	BOTTLE? ? OR JAR? ? OR JUG? ?
S3	188	S1 AND S2
S4	21	S3 AND IC=(A41D OR A47G)
S5	21	IDPAT (sorted in duplicate/non-duplicate order)
S6	17	IDPAT (primary/non-duplicate records only)

? show files

File 347:JAPIO Oct 1976-2002/Oct (Updated 030204)  
(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200314C  
(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

6/5,K/1 (Item 1 from file: 348)  
 DIALOG(R) File 348:EUROPEAN PATENTS  
 (c) 2003 European Patent Office. All rts. reserv.

01327205

HANGER DEVICE, IN PARTICULAR A HANGER DEVICE FOR HANGING UP VARIOUS TYPES OF CONTAINERS SUCH AS TUBES, PLASTIC BOTTLES AND SIMILAR

PATENT ASSIGNEE:

TELLEFSEN, Pia, (1825561), Svoldergt. 2, 0271 Oslo, (NO), (Applicant  
 designated States: all)

INVENTOR:

TELLEFSEN, Pia, Svoldergt. 2, 0271 Oslo, (NO)

PATENT (CC, No, Kind, Date):

WO 200150933 010719

APPLICATION (CC, No, Date): EP 2001900800 010112; WO 2001NO10 010112

PRIORITY (CC, No, Date): NO 20177 000113

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
 LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A47K-005/00; A47K-005/18; A47D-015/00;

**A47G-25:14**

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010912 A1 International application. (Art. 158(1))

Application: 010912 A1 International application entering European  
 phase

LANGUAGE (Publication,Procedural,Application): English; English; Norwegian

6/5,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00740052 \*\*Image available\*\*

CLOTHES HANGER

CINTRE

KLEIDERBUGEL

Patent Applicant/Inventor:

SCHWEIZER Paul, Honggerstrasse 16, CH-8103 Unterengstringen, CH, CH  
 (Residence), CH (Nationality)

Legal Representative:

GRONER Manfred, Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zurich, CH

Patent and Priority Information (Country, Number, Date):

Patent: WO 200053066 A1 20000914 (WO 0053066)

Application: WO 2000CH112 20000229 (PCT/WO CH0000112)

Priority Application: CH 99459 19990311

Designated States: AE AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA  
 CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility  
 model) DM EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM  
 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT  
 TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: German

Filing Language: German

**6/TI/2 (Item 2 from file: 348)**

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

**HANGER FOR BABY CARE PRODUCTS**

**HANGER FUR BABYPFLEGEPRODUKTE**

**DISPOSITIF DE SUSPENSION DESTINE AUX PRODUITS DE SOINS POUR BEBES**

**6/TI/4 (Item 4 from file: 349)**

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

**HOOKING DEVICE**

Set	Items	Description
S1	5895	HANGER? ?
S2	64861	BOTTLE? OR JAR? ? OR JUG? ?
S3	381	S1 AND S2
S4	5	S3 AND IC=(A47G OR A41D)
S5	5	IDPAT (sorted in duplicate/non-duplicate order)
S6	4	IDPAT (primary/non-duplicate records only)

? show files

File 348:EUROPEAN PATENTS 1978-2003/Feb W04  
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220  
(c) 2003 WIPO/Univentio

Biblio  
NPL

6/TI/1 (Item 1 from file: 5)  
DIALOG(R)File 5:(c) 2003 BIOSIS. All rts. reserv.

Hanger for hanging an intravenous feeding bottle .

6/TI/2 (Item 1 from file: 8)  
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

Title: Recycled wood and plastic composites find markets

6/TI/3 (Item 1 from file: 99)  
DIALOG(R)File 99:(c) 2003 The HW Wilson Co. All rts. reserv.

Quietly rolling along

6/TI/4 (Item 1 from file: 144)  
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

Stretching the bottleneck : Low-cost improvements at the Hanger Lane signalised gyratory system

6/TI/5 (Item 1 from file: 248)  
DIALOG(R)File 248:(c) 2003 Pira International. All rts. reserv.

Title: Linpac Recycling goes for growth

6/TI/6 (Item 2 from file: 248)  
DIALOG(R)File 248:(c) 2003 Pira International. All rts. reserv.

Title: Reinventing the neck hanger

6/TI/7 (Item 3 from file: 248)  
DIALOG(R)File 248:(c) 2003 Pira International. All rts. reserv.

Title: Pack hanger pulls punters

6/TI/8 (Item 4 from file: 248)  
DIALOG(R)File 248:(c) 2003 Pira International. All rts. reserv.

Title: Hanger labels

6/TI/9 (Item 5 from file: 248)  
DIALOG(R)File 248:(c) 2003 Pira International. All rts. reserv.

Title: PLASTIC BUSINESS GOING TO WASTE

6/TI/10 (Item 6 from file: 248)  
DIALOG(R)File 248:(c) 2003 Pira International. All rts. reserv.

Title: IF PET FILLING IS HERE TO STAY WHY DO WE OPERATE LIKE IT ISN'T?

6/TI/11 (Item 7 from file: 248)  
DIALOG(R)File 248:(c) 2003 Pira International. All rts. reserv.

**Title: P AND G'S LIQUID TIDE - A CO-DEVELOPMENT OF PRODUCT AND PACKAGE**

6/TI/12 (Item 1 from file: 53)  
DIALOG(R)File 53:(c) 2003 LFRA. All rts. reserv.

**Bottle neck hanger and display.**

6/TI/13 (Item 1 from file: 252)  
DIALOG(R)File 252:(c) 1997 by Fraunhofer-ILV, Germany. All rts. reserv.

**Possibilities of the application of PET waste as raw material for the manufacture of injection mouldings.**

Anwendungsmöglichkeiten von PET-Abfällen als Rohstoff für die Herstellung von Spritzgussteilen.

6/TI/14 (Item 2 from file: 252)  
DIALOG(R)File 252:(c) 1997 by Fraunhofer-ILV, Germany. All rts. reserv.

**On-pack premium stays put.**  
(Werbende Zugabe hängt fest an der Packung.)

6/TI/15 (Item 1 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: (Trade Name Record)**

6/TI/16 (Item 2 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: P.R. PLOY MAKES GOOD**

6/TI/17 (Item 3 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: MONEY FOR OLD PLASTIC**

6/TI/18 (Item 4 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: CARLISLE TO EXIT TWO MARKETS, EXPAND SOME FILM OPERATIONS**

6/TI/19 (Item 5 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: RECYCLING IN ACTION**

6/TI/20 (Item 6 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: RECYCLING UPDATE: MAKE WAY FOR MORE CUSTOM SYSTEMS**

6/TI/21 (Item 7 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: WARMING UP FOR THE RECYCLING AGE**

6/TI/22 (Item 8 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: WHAT CONCERNS THE ENVIRONMENTALISTS?**

6/TI/23 (Item 9 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: PLASTICS RECLAMATION AND RECYCLING IN THE UK**

6/TI/24 (Item 10 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: HOUSEWARES MAKERS FIND SAFETY IN NICHES**

6/TI/25 (Item 11 from file: 323)  
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

**TITLE: BLOW MOULDERS: LOOK WHAT THEY'RE DOING IN EUROPE**

Set	Items	Description
S1	1860	HANGER? ?
S2	159860	BOTTLE? OR JAR? ? OR JUG? ?
S3	30	S1 AND S2
S4	30	RD (unique items)
S5	25	S4 NOT PY>1999
S6	25	S5 NOT PD>19990311
? show files		
File	5:Biosis Previews(R)	1969-2003/Mar W1 (c) 2003 BIOSIS
File	6:NTIS	1964-2003/Mar W2 (c) 2003 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R)	1970-2003/Feb W4 (c) 2003 Elsevier Eng. Info. Inc.
File	10:AGRICOLA	70-2003/Feb (c) format only 2003 The Dialog Corporation
File	34:SciSearch(R)	Cited Ref Sci 1990-2003/Mar W1 (c) 2003 Inst for Sci Info
File	40:Envirolin(R)	1975-2003/Feb
File	49:PAIS Int.	1976-2003/Feb (c) 2003 Public Affairs Information Service
File	50:CAB Abstracts	1972-2003/Feb (c) 2003 CAB International
File	58:GeoArchive	1974-2003/Feb (c) 2003 Geosystems
File	68:Env.Bib.	1972-2002/Jun (c) 2002 Internl Academy at Santa Barbara
File	99:Wilson Appl. Sci & Tech Abs	1983-2003/Jan (c) 2003 The HW Wilson Co.
File	110:WasteInfo	1974-2002/Jul (c) 2002 AEA Techn Env.
File	144:Pascal	1973-2003/Feb W4 (c) 2003 INIST/CNRS
File	203:AGRIS	1974-2003/Feb Dist by NAL, Intl Copr. All rights reserved
File	434:SciSearch(R)	Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info
File	248:PIRA	1975-2003/Mar W1 (c) 2003 Pira International
File	54:FOODLINE(R):	Market Data 1979-2003/Mar 06 (c) 2003 LFRA
File	79:Foods Adlibra(TM)	1974-2002/Apr (c) 2002 General Mills
File	51:Food Sci.&Tech.Abs	1969-2003/Feb W4 (c) 2003 FSTA IFIS Publishing
File	53:FOODLINE(R):	Food Science & Technology 1972-2003/Mar 05 (c) 2003 LFRA
File	252:Packaging Sci&Tech	1982-1997/Oct (c) 1997 by Fraunhofer-ILV, Germany
File	323:RAPRA Rubber & Plastics	1972-2003/Mar (c) 2003 RAPRA Technology Ltd

FT NPL

6/TI/1 (Item 1 from file: 9)  
DIALOG(R)File 9:(c) 2003 Resp. DB Svcs. All rts. reserv.

**Plactory creates uses for unwanted scrap**

6/TI/2 (Item 2 from file: 9)  
DIALOG(R)File 9:(c) 2003 Resp. DB Svcs. All rts. reserv.

**Plactory recycles scrap plastic**

6/TI/3 (Item 3 from file: 9)  
DIALOG(R)File 9:(c) 2003 Resp. DB Svcs. All rts. reserv.

**NAX Uses Post-Consumer PET for Apparel Accessories**

6/TI/4 (Item 1 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

**Because it's worth it. (sampling) (Statistical Data Included)**

6/TI/5 (Item 2 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

**Plactory creates uses for unwanted scrap**

6/TI/6 (Item 3 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

**Message on a bottle**

6/TI/7 (Item 4 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

**Ivory Clear Dishwashing Liquid - Easy-Squeeze Bottle** MANUFACTURER: Procter & Gamble Co. CATEGORY: Dish Soaps & Detergents

6/TI/8 (Item 5 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

**CEO INTERVIEW - WILLIAM H. BINNE, CARLISLE PLASTICS, INC. (CPA)**

6/TI/9 (Item 6 from file: 16)  
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

**Exhibitors offer wide variety of presses**

6/TI/10 (Item 7 from file: 16)

DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

**Hi-Cone PET Pack joins Michigan packaging mix**

**6/TI/11 (Item 1 from file: 47)**

DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

**Handy hints special. (Family Handyman magazine readers' contributions to the 1993 section on repair tips) (Cover Story)**

**6/TI/12 (Item 2 from file: 47)**

DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

**Trashing in; garbage is a billion-dollar, recessionproof business where profit margins run to 36%. (but it's hard to dispose of all of it; includes related article on PCBs, other hazardous wastes)**

**6/TI/13 (Item 1 from file: 148)**

DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

**For Carlisle, trash bags are just part of the picture. (Carlisle Plastics Inc.; Eco-Choice trash bags) (Company Profile)**

**6/TI/14 (Item 2 from file: 148)**

DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

**French's storms the aisles. (Durkee French Foods Inc.'s marketing strategy) (Point-of-Purchase)**

**6/TI/15 (Item 3 from file: 148)**

DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

**ANTEC '90 draws 4800 to Dallas, focuses on environmental issues. (Society of Plastics Engineers' Annual Technical Conference; includes descriptions of exhibited products)**

**6/TI/16 (Item 4 from file: 148)**

DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

**Disposing of a problem. (Plastics Recycling )**

**6/TI/17 (Item 1 from file: 484)**

DIALOG(R)File 484:(c) 2003 ProQuest. All rts. reserv.

**Recycled wood and plastic composites find markets**

**6/TI/18 (Item 2 from file: 484)**

DIALOG(R)File 484:(c) 2003 ProQuest. All rts. reserv.

**Get with the new power game**

6/TI/19 (Item 1 from file: 492)  
DIALOG(R)File 492:(c) 2002 Phoenix Newspapers. All rts. reserv.

**VOLUNTEERS BOOST VALLEY YOUTH TROUPE**

6/TI/20 (Item 1 from file: 494)  
DIALOG(R)File 494:(c) 2003 St Louis Post-Dispatch. All rts. reserv.

**BUDGET BLOSSOMS**

6/TI/21 (Item 1 from file: 498)  
DIALOG(R)File 498:(c) 2003 Detroit Free Press Inc. All rts. reserv.

**MOTHERS AND DADS OF INVENTION KEEP KIDS ENTERTAINED WITH IMAGINATION**

6/TI/22 (Item 1 from file: 638)  
DIALOG(R)File 638:(c) 2003 Newsday Inc. All rts. reserv.

**EX-SUPERVISOR MIRED IN POLITICS OF TRASH**

6/TI/23 (Item 1 from file: 702)  
DIALOG(R)File 702:(c) 2003 The Miami Herald Publishing Co. All rts. reserv.

**THE ART IS JUNK, AND THE ARTISTS COULDN'T BE MORE PROUD OF IT**

6/TI/24 (Item 1 from file: 735)  
DIALOG(R)File 735:(c) 2000 St. Petersburg Times. All rts. reserv.

**TODAY'S TOPIC: ENVIRO KIDS**

6/TI/25 (Item 1 from file: 710)  
DIALOG(R)File 710:(c) 2003 Times Newspapers. All rts. reserv.

**FUTURE PERFECT;HOUSE STYLE**

6/TI/26 (Item 1 from file: 711)  
DIALOG(R)File 711:(c) 2003 Newspaper Publ. PLC. All rts. reserv.

**It's a load of old rubbish**

Set	Items	Description
S1	41014	HANGER? ?
S2	1004300	BOTTLE? OR JAR? ? OR JUG? ?
S3	3819	S1 AND S2
S4	462	S3 AND RECYCL?
S5	356	S4 NOT PY>1999
S6	257	S1(5N)S2
S7	34	S6 AND RECYCL?
S8	31	S7 NOT PY>1999
S9	26	RD (unique items)
S10	25	S9 NOT PD>19990311
? show files		
File	9:Business & Industry(R)	Jul/1994-2003/Mar 06 (c) 2003 Resp. DB Svcs.
File	16:Gale Group PROMT(R)	1990-2003/Mar 07 (c) 2003 The Gale Group
File	47:Gale Group Magazine DB(TM)	1959-2003/Mar 06 (c) 2003 The Gale group
File	141:Readers Guide	1983-2003/Jan (c) 2003 The HW Wilson Co
File	148:Gale Group Trade & Industry DB	1976-2003/Mar 06 (c) 2003 The Gale Group
File	481:DELPHES Eur Bus	95-2003/Mar W1 (c) 2003 ACFCI & Chambre CommInd Paris
File	482:Newsweek	2000-2003/Mar 07 (c) 2003 Newsweek, Inc.
File	484:Periodical Abs Plustext	1986-2003/Mar W1 (c) 2003 ProQuest
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group
File	590:KOMPASS Western Europe	2002/Dec (c) 2003 KOMPASS International
File	636:Gale Group Newsletter DB(TM)	1987-2003/Mar 06 (c) 2003 The Gale Group
File	614:AFP English Wire	1999-2003/Mar 07 (c) 2003 Agence France Press
File	814:AFP English Wire	1991--1999/Oct 27 (c) 1999 Agence France Press
File	476:Financial Times Fulltext	1982-2003/Mar 07 (c) 2003 Financial Times Ltd
File	477:Irish Times	1999-2003/Mar 07 (c) 2003 Irish Times
File	710:Times/Sun.Times(London)	Jun 1988-2003/Mar 04 (c) 2003 Times Newspapers
File	711:Independent(London)	Sep 1988-2003/Mar 07 (c) 2003 Newspaper Publ. PLC
File	756:Daily/Sunday Telegraph	2000-2003/Mar 07 (c) 2003 Telegraph Group
File	757:Mirror Publications/Independent Newspapers	2000-2003/Mar 07 (c) 2003
File	387:The Denver Post	1994-2003/Mar 05 (c) 2003 Denver Post
File	471:New York Times Fulltext	90-Day 2003/Mar 07 (c) 2003 The New York Times
File	492:Arizona Repub/Phoenix Gaz	19862002/Jan 06 (c) 2002 Phoenix Newspapers
File	494:St LouisPost-Dispatch	1988-2003/Mar 06 (c) 2003 St Louis Post-Dispatch
File	498:Detroit Free Press	1987-2003/Mar 06 (c) 2003 Detroit Free Press Inc.

File 631:Boston Globe 1980-2003/Mar 06  
(c) 2003 Boston Globe

File 633:Phil.Inquirer 1983-2003/Mar 05  
(c) 2003 Philadelphia Newspapers Inc

File 638:Newsday/New York Newsday 1987-2003/Mar 06  
(c) 2003 Newsday Inc.

File 640:San Francisco Chronicle 1988-2003/Mar 07  
(c) 2003 Chronicle Publ. Co.

File 641:Rocky Mountain News Jun 1989-2003/Mar 06  
(c) 2003 Scripps Howard News

File 702:Miami Herald 1983-2003/Mar 06  
(c) 2003 The Miami Herald Publishing Co.

File 703:USA Today 1989-2003/Mar 06  
(c) 2003 USA Today

File 704:(Portland)The Oregonian 1989-2003/Mar 06  
(c) 2003 The Oregonian

File 713:Atlanta J/Const. 1989-2003/Mar 07  
(c) 2003 Atlanta Newspapers

File 714:(Baltimore) The Sun 1990-2003/Mar 07  
(c) 2003 Baltimore Sun

File 715:Christian Sci.Mon. 1989-2003/Mar 07  
(c) 2003 Christian Science Monitor

File 725:(Cleveland)Plain Dealer Aug 1991-2003/Mar 06  
(c) 2003 The Plain Dealer

File 735:St. Petersburg Times 1989- 2000/Nov 01  
(c) 2000 St. Petersburg Times